

Title (en)

Authentication of a terminal-electromagnetic transponder couple by the transponder

Title (de)

Authentifizierung eines elektromagnetischen Transponder-Endelements durch einen Transponder

Title (fr)

Authentification d'un couple terminal-transpondeur électromagnétique par le transpondeur

Publication

EP 2267645 B1 20160420 (FR)

Application

EP 10160763 A 20100422

Priority

FR 0954347 A 20090625

Abstract (en)

[origin: EP2267645A2] The authenticating method involves exploiting first data and second data respectively measured for a first resistive load value and for a second resistive load value relative to the level of direct current voltage after receiving the first data relative to the current in the oscillating circuit of a terminal (1). The current is measured by the terminal for the first value of the resistive load of a transponder (2). Independent claims are included for the following: (1) an electromagnetic transponder e.g. chip card, electronic transport ticket, electronic passport, mobile phone, personal digital assistant, electronic tag; and (2) a terminal.

IPC 8 full level

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CPC (source: EP US)

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EP 10160763 A 20100422; CN 201010212736 A 20100624; FR 0954347 A 20090625; JP 2010141948 A 20100622; US 81569510 A 20100615